



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Tuesday, October 17, 2017

Issued: 0800 CT

Day 1 Weather Impacts: *No significant weather is expected.*

River Flood Impacts: *Minor to Moderate river flooding will continue on the Nueces River in S TX.*

National Weather Service

*Southern Region Headquarters
Regional Operations Center
Fort Worth, TX*



Prepared by: Jennifer McNatt
817-978-1100 x 147

Key Points



Today through Friday

- The Nueces River is moving water downstream; Bluntzer is currently falling and expected to drop below flood stage on Wednesday, Calallen is currently cresting barely in minor flood stage and expected to fall out of flood stage on Wednesday
- No other significant weather is expected this work week

Saturday - Sunday

- Next weather system looks to move through the Region this weekend
- Strong to severe storms and areas of heavy rain/flash flooding will be possible over E OK, W AR & N TX

Tropical Outlook

- No new tropical cyclones are expected during the next five days

FEMA Region 6 Threat Matrix

Oct 17, 2017 - Oct 21, 2017

	TUE	WED	THU	FRI	SAT
Severe Weather					E OK, W AR, N TX
Heavy Rain / Flash Flooding					E OK, W AR, N TX
Fire Weather					
River Flooding	S TX	S TX			
Tropical Weather					

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

For more details on the colors in the threat matrix refer to the last slide in this briefing.

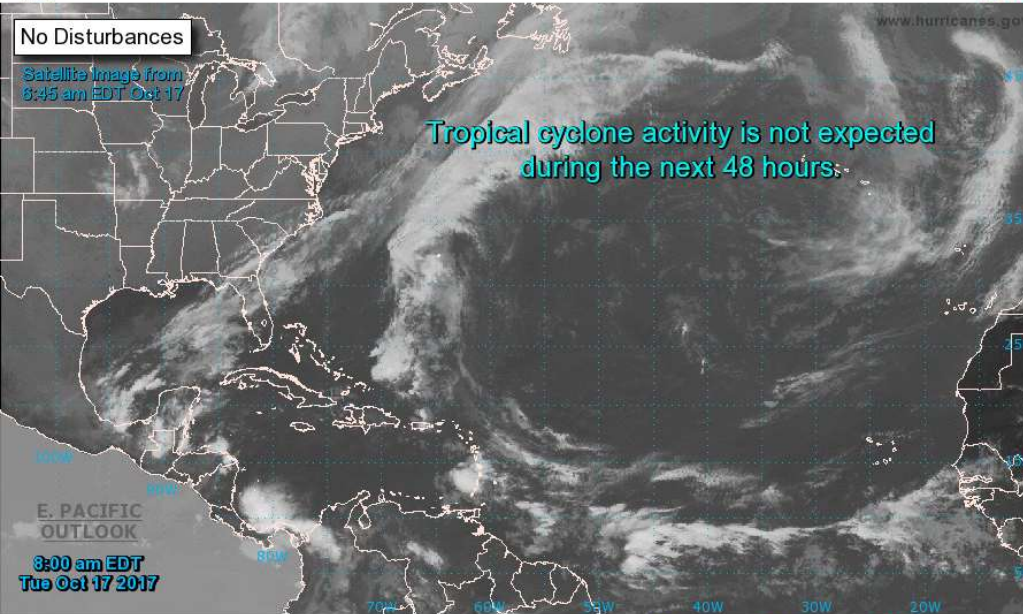


Tropical Weather Outlook



Two-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



Current Disturbances and Two-Day Cyclone Formation Chance: ☼ < 40% ☼ 40-60% ☼ > 60%

Tropical or Sub-Tropical Cyclone: ○ Depression ● Storm ● Hurricane

○ Post-Tropical Cyclone × Remnants

Five-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



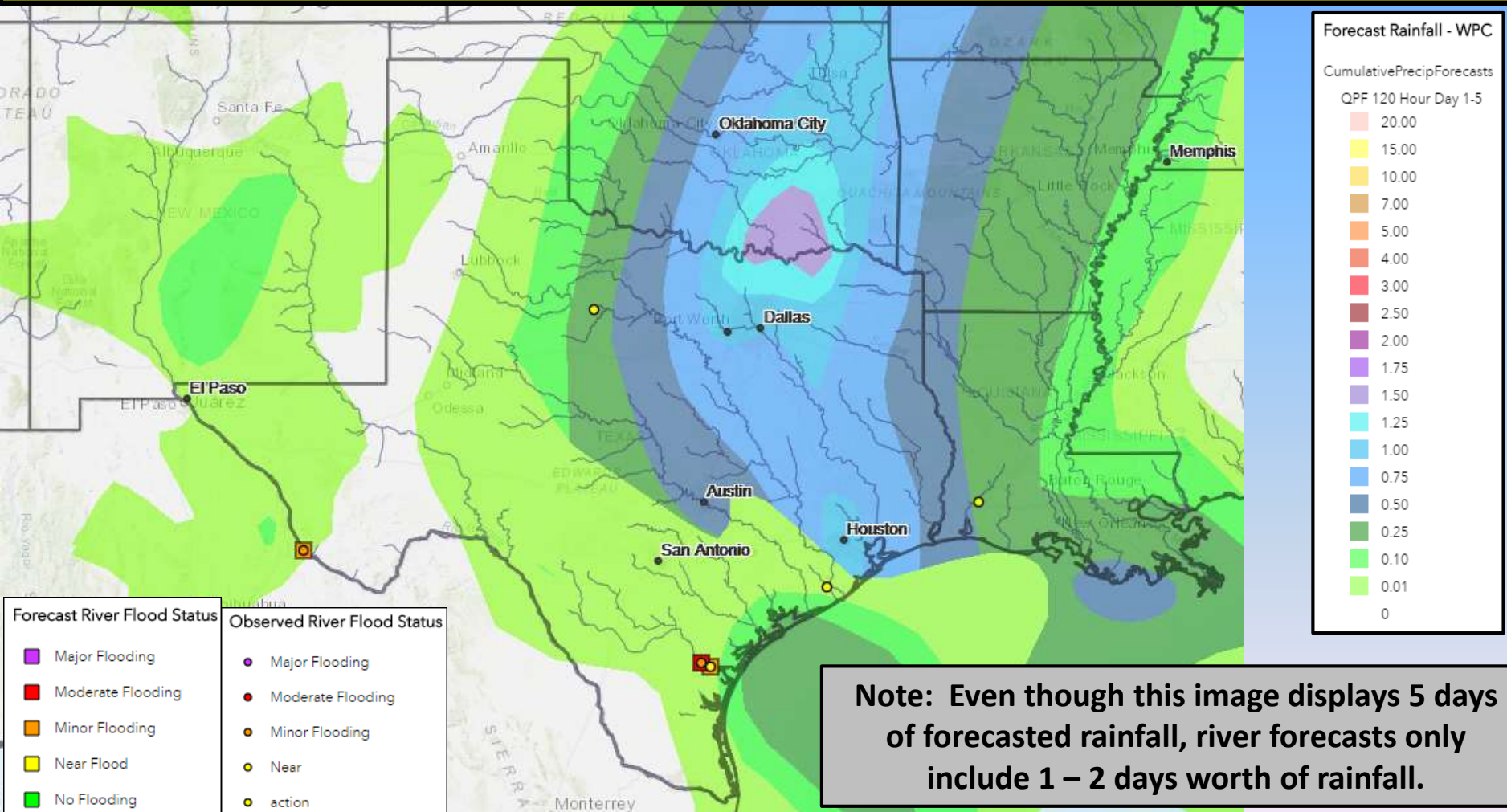
Current Disturbances and Five-Day Cyclone Formation Chance: ☼ < 40% ☼ 40-60% ☼ > 60%

Tropical or Sub-Tropical Cyclone: ○ Depression ● Storm ● Hurricane

○ Post-Tropical Cyclone × Remnants

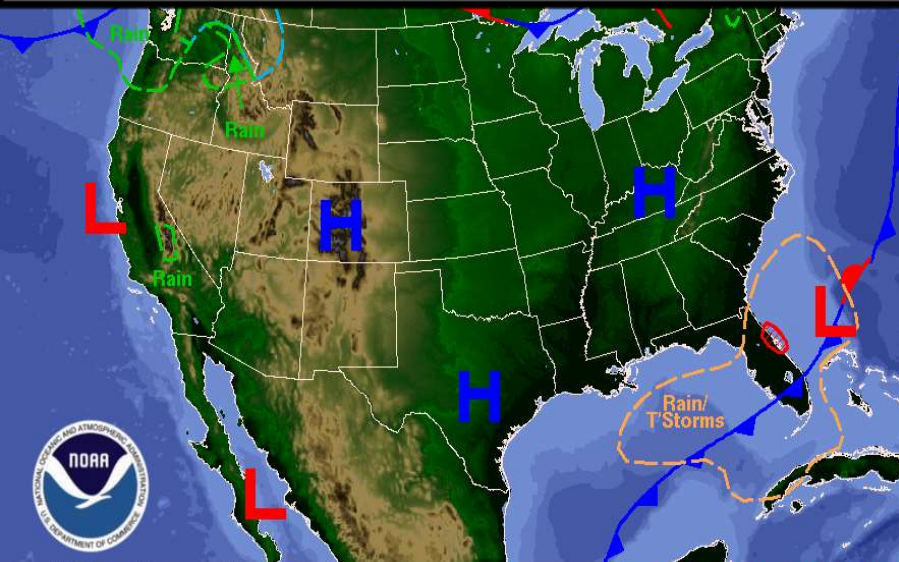
5-Day Precipitation Forecast & River Flood Status

The Nueces River is moving water downstream; Bluntzer is currently falling and expected to drop below flood stage on Wednesday, Calallen is currently cresting barely in minor flood stage and expected to fall out of flood stage on Wednesday.



For the latest on river flooding: <http://water.weather.gov/ahps>

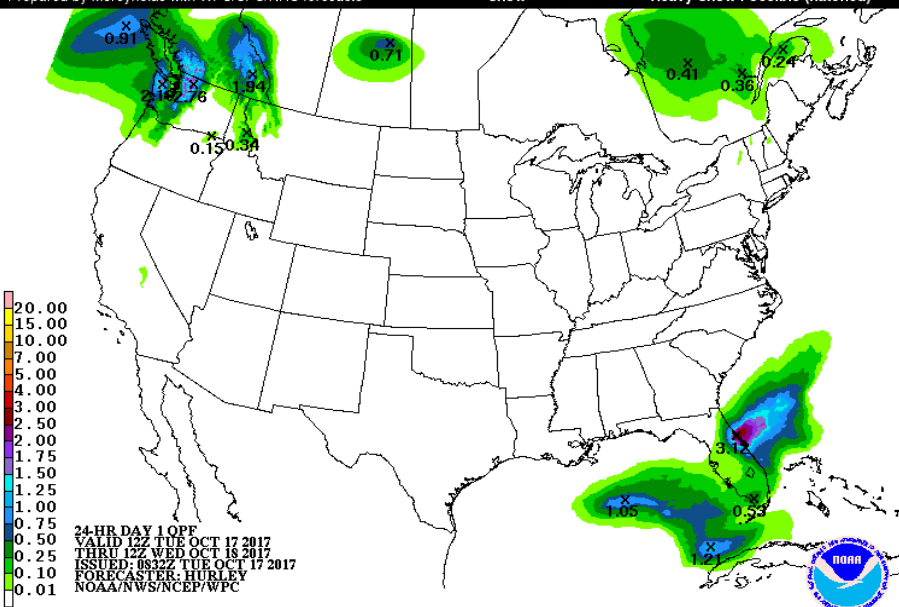
Today's Weather



Day 1 National Forecast Chart

Valid Tue, Oct 17, 2017, issued 4:27 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds with WPC/SPC/NHC forecasts

Rain
Rain and T'Storms
Rain and Snow
Snow
Flash Flooding Possible (hatched)
Severe T'Storms Possible (hatched)
Freezing Rain Possible (hatched)
Heavy Snow Possible (hatched)



24 HR DAY 1 OPI
VALID 12Z TUE OCT 17 2017
THRU 12Z WED OCT 18 2017
ISSUED 0832Z TUE OCT 17 2017
FORECASTER: HURLEY
NOAA/NWS/NCEP/WPC

No Significant Weather Impacts.

The Nueces River will continue in Minor to Moderate Flood Stage at Bluntzer and Calallen.

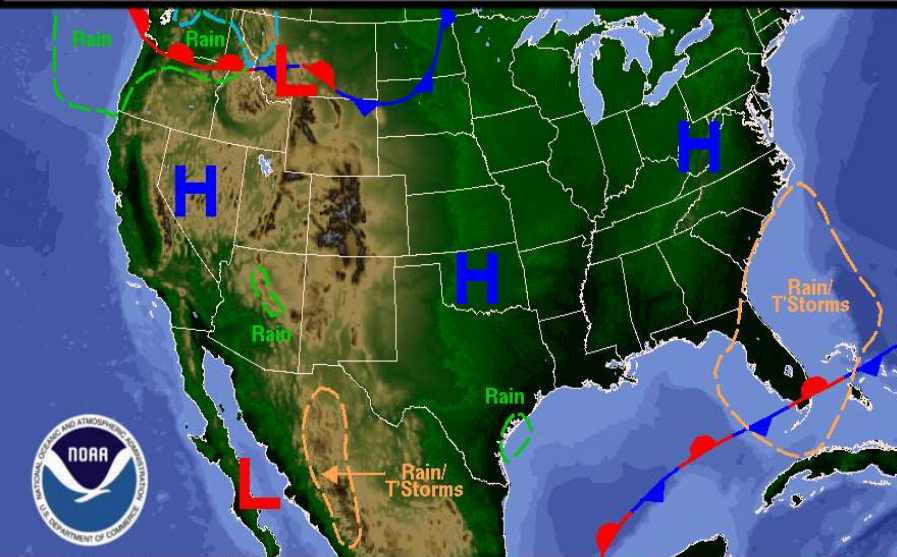


Tornado & Severe Thunderstorm Outlook
Tuesday, October 17, 2017

Last Updated: Oct 16 2017 11:48 PM CDT
Valid Until: Oct 18 2017 07:00 AM CDT

5 High
4 Moderate
3 Enhanced
2 Slight
1 Marginal
Thunder

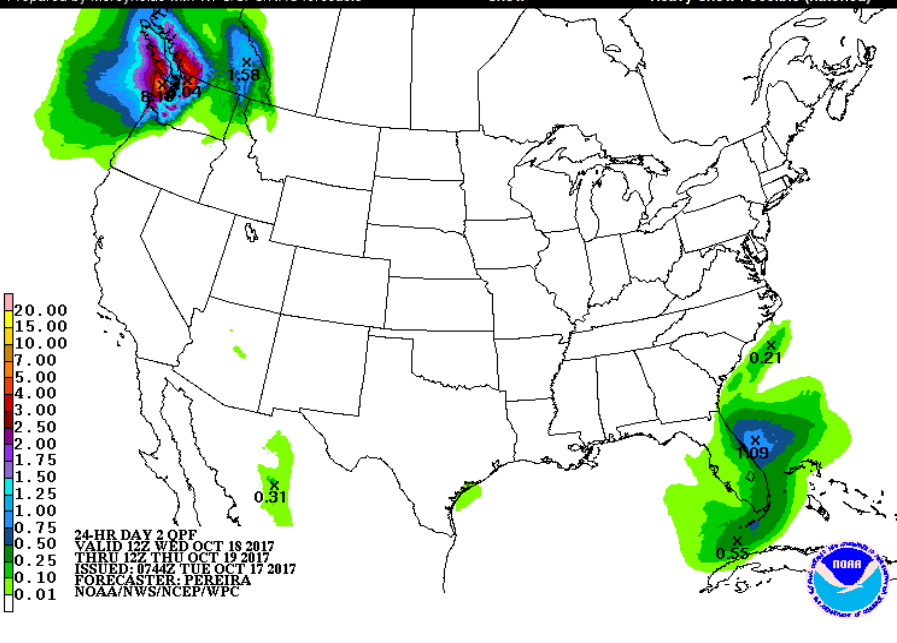
Tomorrow's Weather



Day 2 National Forecast Chart

Valid Wed, Oct 18, 2017, issued 4:30 AM EDT Tue, Oct 17, 2017
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds with WPC/SPC/NHC forecasts

Rain
Rain and T'Storms
Rain and Snow
Snow
Flash Flooding Possible (hatched)
Severe T'Storms Possible (hatched)
Freezing Rain Possible (hatched)
Heavy Snow Possible (hatched)



24-HR DAY 2 OPI
VALID 12Z WED OCT 18 2017
THRU 12Z THU OCT 19 2017
ISSUED 0744Z TUE OCT 17 2017
FORECASTER: PEREIRA
NOAA/NWS/NCEP/WPC

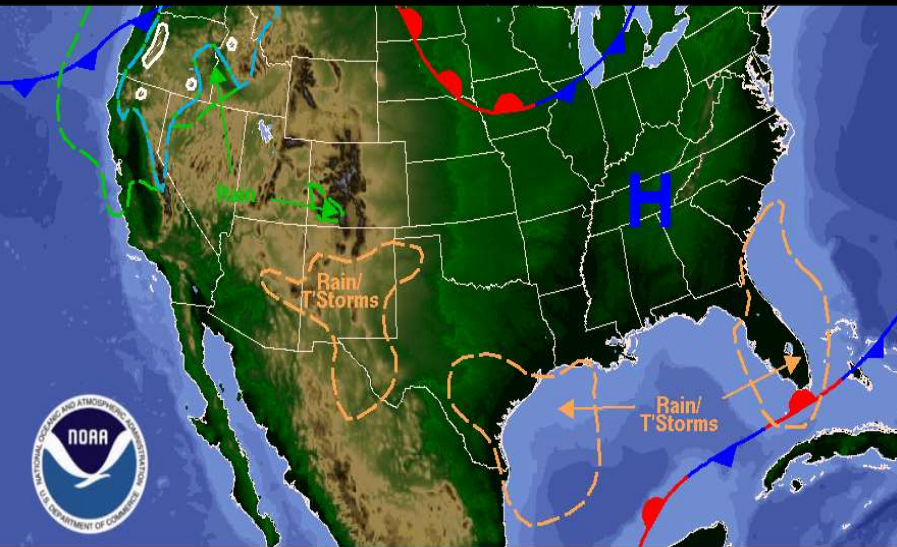
No Significant Weather Impacts.

The of the Nueces River at Bluntzer and Calallen is expected to improve Wednesday.



Thursday's Weather

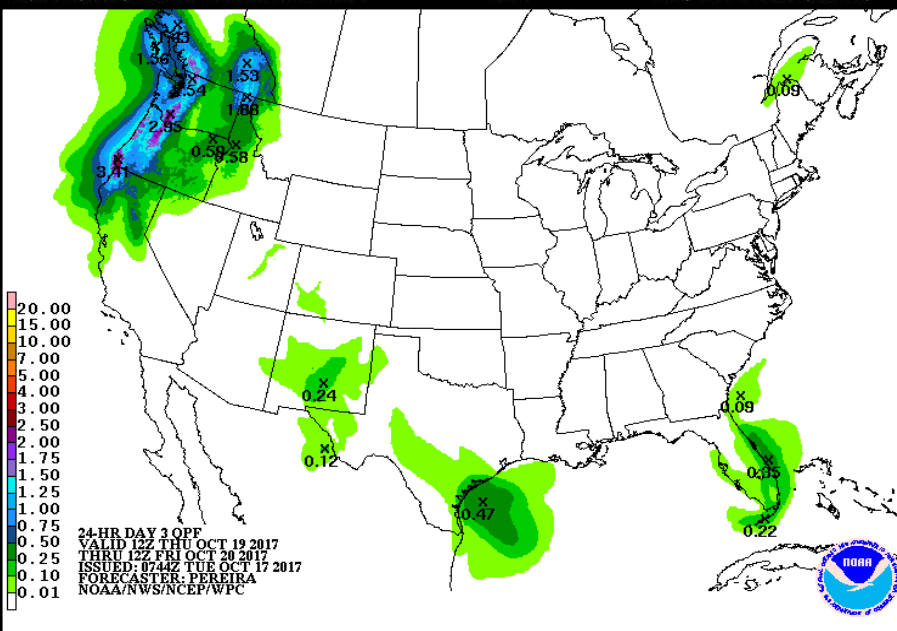
No Significant Weather Impacts.



Day 3 National Forecast Chart

Valid Thu, Oct 19, 2017, issued 4:33 AM EDT Tue, Oct 17, 2017
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds with WPC/SPC/NHC forecasts

Rain
Rain and T'Storms
Rain and Snow
Snow
Flash Flooding Possible (hatched)
Severe T'Storms Possible (hatched)
Freezing Rain Possible (hatched)
Heavy Snow Possible (hatched)









Day 4-5 Weather Hazards

Valid: 0800 Fri - 0800 Sun



**A few strong
to severe storms &
areas of flash
flooding possible
Saturday
Into Sunday**

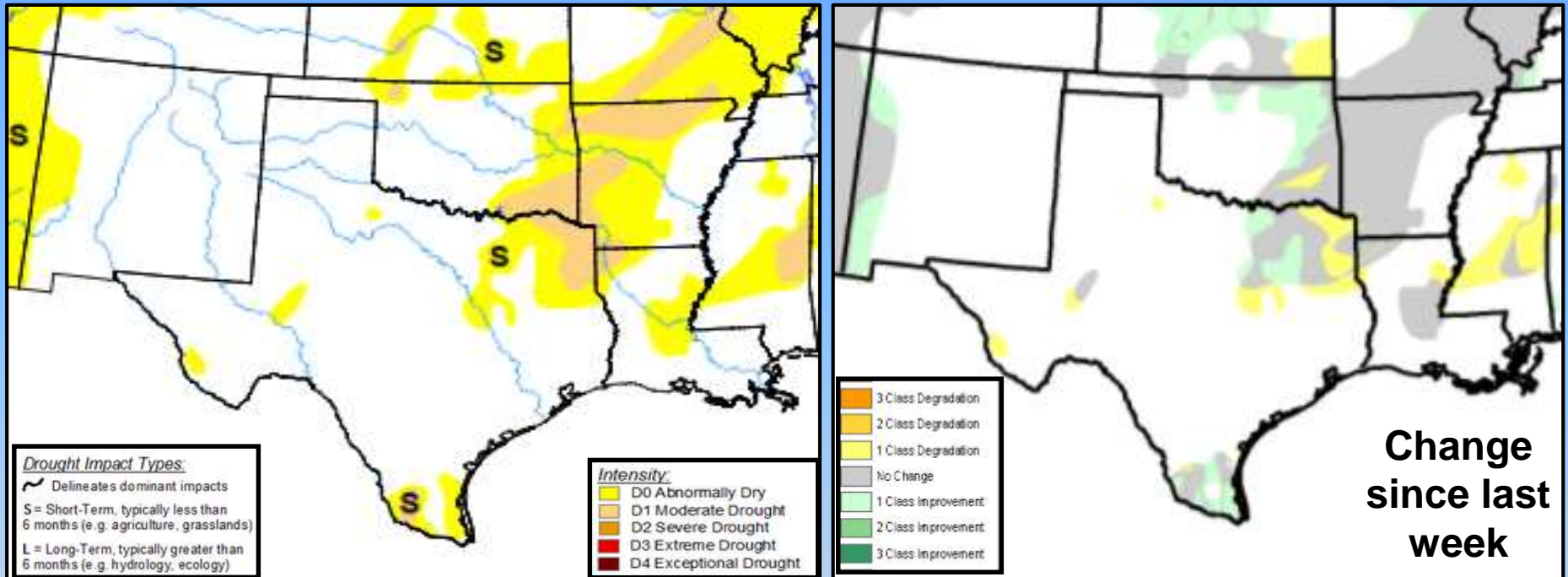
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
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***Threat levels are based on FEMA
Region 6 criteria. State or local
threat level criteria may differ.**



Drought Monitor Released 12 October, 2017

Data valid as of 7am CDT, Tuesday, October 10, 2017



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	0.00%	0.00%
Arkansas	0.00%	0.00%	0.00%	0.00%
Texas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

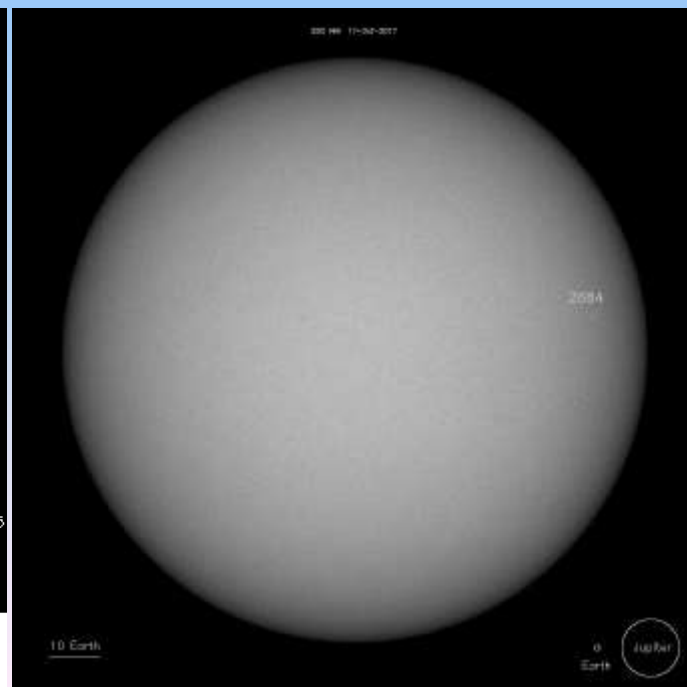
Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Tuesday	Wednesday	Thursday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Quiet to Active (Max Kp = 4)	Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



Normal X-ray Background
Product Valid At : 2017-10-17 11:52 UTC

Normal Proton Background
NOAA/SWPC Boulder, CO USA

Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747 ***New Direct Number**
E-mail: sr-srh.roc@noaa.gov
Web: <http://www.weather.gov/srh> (**NEW link!!**)

facebook

<https://www.facebook.com/NWSSouthern>

twitter

@NWS_Southern_US https://twitter.com/NWS_Southern_US

The criteria for the color codes in our briefings is below, please provide any feedback to sr-srh.roc@noaa.gov.



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms